



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 5
77 WEST JACKSON BOULEVARD
CHICAGO, IL 60604-3590

EPA Region 5 Records Ctr.



303441

REPLY TO THE ATTENTION OF:

SE-5J

AUG 19 2008

VIA FACSIMILE (847) 279-2510 AND U.S. MAIL

Dr. Steve Kornder
Mr. Dan MacDonnell
STS Consultants
750 Corporate Woods Parkway
Vernon Hills, Illinois 60061

RE: Comments on DuSable Work Plan dated June 30, 2008

Dear Dr. Kornder and Mr. MacDonnell:

As we discussed on Tuesday, July 8, 2008, below are the preliminary general comments. Additional minor comments we did not discuss are noted below in italics.

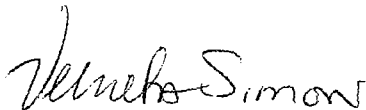
1. *Page 1 Section 1.0 Introduction*– State the name of the developer either in parenthesis or by commas in the sentence, starting with “The developer has entered into . . .”
2. *Page 2 Section 2.2 Site History*- Shelbourne has a permit from Chicago Park District. Please include a copy of the permit.
3. *Page 3 Section 2.5 STS Surface Gamma Survey (2007)* – This is the first time “seawall” is mentioned. Some where in Section 2.0 Background, there should be a subsection on the seawall and the status prior to the construction of the new seawall, for example, plans for new seawall, that is, it will be constructed 3 feet in front of the existing seawall, date and title of the latest investigation report, etc.
4. *Page 3 Section 2.6 Lake Shore Drive Ramp Construction (2007)* - Include a copy of the manifest in the Appendix and the estimated concentration of the off-site shipments.
5. *Page 3 Section 2.6* - State the results of the sampling in addition to having the actual data sheets in the appendices.
6. *Page 5 Section 3.1* – Include a figure showing the grades in all directions, for example, due east on DuSable Park it is about + 7.0 CCD as opposed to the south side near the seawall that is +5 CCD.

7. Page 5 Section 3.1 –U.S.EPA considers the electrical conduit vaults and manholes at locations off of DuSable Park (one manhole will be installed south of Illinois Street, one under LSD and at least one vault seems to run from DuSable to LSD) as part of this “site,” since the work plan addresses how you will conduct excavation and radiological screening of soil located on the Site.
8. Page 7 Section 3.3 -STS is proposing to remove radiological-impacted material that is known and that is discovered “where practicable.” What does practicable mean? This term is too vague.
9. Page 8 Section 3.4 Other Screening Related Activities – Change the sentence “Final drawings and/or plans for all the potential construction related activities that will occur at the Site are not yet available” to “Final drawings and/or plans for all the potential construction related activities that will occur at DuSable Park are not yet available.”
10. Page 8 Section 3.4 Other Screening Related Activities – As we discussed this Work Plan only pertains to the proposed electrical work and mound removal. It may be appropriate to delete the entire section or at least sentences 3, 4 and 5.
11. Page 13, Section 4.3 Materials Management – Change the sentence, “Handling or disposal of non-radiologically-impacted materials at an off-site location will comply with all applicable laws and regulations, which is beyond the scope of this Work Plan” to “Handling or disposal of non-radiologically-impacted materials at an off-site location will comply with all applicable laws and regulations.”
12. During our meeting on July 8, you stated that geofabric installation, as requested in U.S. EPA’s letter dated May 20, 2008, to mark the area where you stop excavating is too costly. As an alternative to geofabric, lay orange safety barrier fencing flat across the property with a gravel layer at the elevation you stop excavation or suggest another alternative for identifying the elevation below which radiation monitoring will continue to be required.
13. U.S. EPA will agree that you may stop excavation at +5 CCD and + 7.5 CCD, if you can agree to limited excavation or possible shielding if excessive gamma levels are encountered once you reach the depth of +5 CCD and + 7.5 CCD. To determine excessive levels, U.S. EPA and/or your consultant will perform a dose rate survey prior to placing the identifying layer. According to 40 CFR Part 192, excessive gamma is Background plus 20 microRoentgen per hour ($\mu\text{R/hr}$).
14. Furthermore, we are unclear regarding the timing of activities, that is, are you planning on taking the mounds down and then installing the new seawall or are the activities concurrent. We found the seawall discussion with Knight on July 22 to be very informative, however, we will still need to see the final harbor permit before we can evaluate activities around the existing seawall.

15. *Health and Safety Plan* - Change IDNS to Illinois Emergency Management Agency – Division of Nuclear Safety.

If you have any questions or you would like to discuss a matter further, please contact me at (312) 886-3601 or Eugene Jablonowski, Health Physicist, at (312) 886-4591. Legal questions should be directed to Cathleen Martwick, Associate Regional Counsel, at (312) 886-7166 or Mary Fulghum, Associate Regional Counsel, at (312) 886-4683. We agreed on July 8 that you can make a redline change on the specific page instead of sending another revised work plan. Additionally you stated that the proposed electrical work will not begin prior to you providing notification of the work.

Sincerely,

A handwritten signature in black ink that reads "Verneta Simon". The signature is written in a cursive, flowing style.

Verneta Simon
On-Scene Coordinator

cc: Bob Barratta, Freeborn & Peters, LLP

bcc: Mary Fulghum, C-14J
Charles Gebien, SE-5J
Eugene Jablonowski, SMF-4J
Cathleen Martwick, C-14J